



EVER WANTED TO BE A ROCKET SCIENTIST? WELL NOW YOU CAN BE!



**APPLY NOW
TO BE PART OF:
MAVERICKS IN THE
CLASSROOM: ROCKET
SCIENCE SAFARI**

A Science, Technology, Engineering and Mathematics (STEM) education program developed and funded by the Mavericks Civilian Space Foundation in partnership with the Education and Public Outreach group at Sonoma State University.

Rocket Science Safari:

- Introduces and mentors educators in the design, construction and flight operations of sub-orbital sounding rockets
- Certifies educators to fly high-powered sounding rockets at local TRIPOLI launch events.
- Inspires students' interest in STEM disciplines by helping them construct and launch their own rockets.
- Provides authentic task experiences in which students demonstrate their mastery of STEM principles via rocketry.



Selected participants will receive:

- Free training to learn the science, technology, engineering and mathematics required to build and launch supersonic rockets.
- \$1000 stipend and travel expenses for week-long summer training workshops during July (or August) 2009 and 2010.
- Materials, instruction, and mentoring in the construction of your own supersonic rocket, as well as a full DVD of your experience and instruction.
- Computer simulation and design software that you can use to design rockets with your students.
- Twenty rocket kits for your classroom or after-school group.
- Level 1 & 2 certification from the TRIPOLI Rocketry Association

How do I get involved?

- Create a team of at least two teachers from your high school.
- Show that you will be able to engage at least 10 students per year to work with your team to learn how to build and launch rockets.
- Attend one-week workshops for two successive summers to learn how to design, build and launch rockets, and to pass the TRIPOLI Level 1 & 2 certifications.
- Work with your students and mentor from the local TRIPOLI prefecture to launch rockets at local flight events.

Rocket Science Safari is open to all high-school physical science teachers in California and Nevada. Teachers will be trained, and will build and launch their rockets at the Maverick's Science Education Research Center outside Lovelock, Nevada. Applications are due December 15, 2008.

For more information and to apply:

<http://www.rocketmavericks.com/education>

